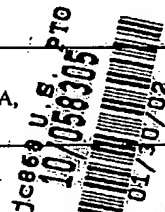


Form PTO-1449 (REV. 8-83) US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY DOCKET NO. 111568	APPLICATION NO. New U.S. Patent Application
	APPLICANTS Yukihiko NAKASAKA, Toshiaki ASADA, Naohide FUWA, Shinji SADAKANE	
	FILING DATE January 30, 2002	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
Bm	1	JP A 1-142238 (w/abstract)	06/05/1989	Japan	X	X
	2	JP A 6-213044 (w/abstract)	08/02/1994	Japan		
	3	JP A 9-88685 (w/abstract)	03/31/1997	Japan		
	4	JP A 9-96236 (w/abstract)	04/08/1997	Japan		
	5	JP A 2000-161085 (w/abstract)	06/13/2000	Japan		
	6	JP A 59-101562 (w/abstract)	06/12/1984	Japan		
D	7	JP A 5-180040 (w/abstract)	07/20/1993	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER MOCANUM

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